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PD NO. 10010256-1
Docket No. 47429-00015

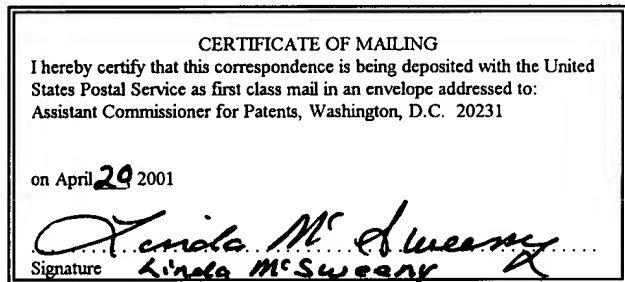
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Xuemei Zhang, et al.) Group Art Unit: Unknow
Serial No.:) Examiner:
Filed: Herewith)

10929 U.S. PTO
09/839335
04/20/01

For: SYSTEM AND METHOD FOR DIGITAL IMAGE TONE MAPPING USING AN
ADAPTIVE SINOIDAL FUNCTION BASED ON PERCEPTUAL
PREFERENCE GUIDELINES

To the Assistant Commissioner
for Patents
Washington, D.C. 20231



Dear Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's duty under 37 C.F.R. § 1.56 and 1.97, Applicant hereby submits the attached form PTO-1449 (modified) which lists art cited. The art listed therein, while of some relevance, is not necessarily considered to teach or suggest any aspect of the invention described and claimed in the above-identified patent application. This statement is also not to be construed as a representation that a search has, or has not, been conducted or that no better art exists. Rather, this statement discloses only the best art of which the Applicant is aware.

In considering the art set forth below, it may be noted by the Examiner that certain of the references may contain markings, underlinings or other notations. These markings or notations are not to be construed as drawing the Examiner's attention either to selected parts or away from other

parts of the references. Any such markings were either present on the copies of the references obtained by Applicant, or were made thereon during the study of the references by the Applicant and/or his attorneys.

The Examiner is respectfully requested to consider each of the cited references, indicate such consideration by initialing each reference on the enclosed Form PTO-1449 (modified) and return a copy of the same with the next communication to the Applicant. For the convenience of the Examiner in considering the references, copies of the cited references are enclosed with this communication.

Respectfully submitted,

A handwritten signature in black ink, reading "Holly L. Rudnick". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

Holly L. Rudnick
Reg. No. 43,065

Dated: April 20, 2001
Jenkins & Gilchrist, P.C.
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214/855-4780 (Direct)
214/855-4300 (Fax)

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Patent Department of Commerce Patent and Trademark Office	Docket No.: 47429-00015	Serial No.: Herewith
	Applicants: Xuemei Zhang, et al.	
	Filing Date: Herewith	Group: Unknown



U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	A-1	5,991,456	23 Nov 1999	Rahman, et al.	382	254
	A-2	6,198,848	6 Mar 2001	Honma, et al.	382	232
	A-3	6,198,843	6 Mar 2001	Nakauchi, et al.	382	167
	A-4	6,198,842	6 Mar 2001	Yeo, et al.	382	166

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					Yes	No

OTHER DOCUMENTS

Examiner Initials		Author, Title, Date, Pertinent Pages, Etc.
	C-1	CIE (1978); Recommendations on Uniform Color Spaces - Color Difference Equations Psychometric Color Terms; <i>Commission Internationale De L'Eclairage International Commission on Illumination Internationale Beleuchtungskommission</i> ; Supplement No.2 to CIE Publication No 15; (France); 10 pages
	C-2	Holm, J. (1996); Photographic Tone and Colour Reproduction Goals; <i>CIE Expert Symposium on Colour Standards for Image Technology</i> ; pp 51-56

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Patent Department of Commerce Patent and Trademark Office	Docket No.: 47429-00015	Serial No.:
	Applicants: Xuemei Zhang, et al.	
	Filing Date: Herewith	Group: Unknow

OTHER DOCUMENTS

Examiner Initials		Author, Title, Date, Pertinent Pages, Etc.
	C-3	Jobson, D., Rahman, Z., and Woodell, G. (1997); A Multiscale Retinex For Bridging the Gap Between Color Images and Human Observation of Scenes; <i>IEEE Transactions on Image Processing</i> , Vol. 6 No. 7; pp 965-976
	C-4	Larson, G. W., Rushmeier, H., and Piatko, C. (1997); A Visibility Matching Tone Reproduction Operator for High Dynamic Range Scenes. <i>IEEE Transactions on Visualization and Computer Graphics</i> , Vol. 3 No. 4; pp. 291-306
	C-5	Rahman, Z., Jobson, D., and Woodell, G. (1996); Multi-scale Retinex for Color Image Enhancement; <i>Proceedings, International Conference on Image Processing</i> , Vol. 3; (Lausanne, Switzerland); pp. 1003-1006
	C-6	Rahman, Z., Woodell, G., Jobson, D.; A Comparison of the Multiscale Retinex With Other Image Enhancement Techniques; College of William & Mary; NASA Langley Research Center; 6 pages
	C-7	Tanaka, T., Berns, R. S., and Fairchild, M.D. (1997); Predicting the Image Quality of Color Overhead Transparencies Using a Color-appearance Model; <i>Journal of Electronic Imaging</i> , Vol. 6 No. 2; pp. 154-164
	C-8	Tumblin, J. and Rushmeier, H. (1993); Tone Production for Realistic Images; <i>IEEE Computer Graphics and Applications</i> , Vol. 13 No. 6; pp. 42-48
	C-9	Tumblin, J. and Turk, G. (1999); LCIS: A Boundary Hierarchy for Detail-preserving Contrast Reduction; <i>Computer Graphics Proceedings, SIGGRAPH 99</i> ; pp. 83-90

Date Examined:	Examiner:
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